

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS & MINING
1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116

AMENDED NOTICE OF INTENTION
TO COMMENCE MINING OPERATIONS OF SUNSHINE MINING COMPANY

The purpose of this document is to provide required information pursuant to rules and regulations of the State of Utah, Department of Natural Resources, Division of Oil, Gas & Mining to amend the existing Notice of Intention to Commence Mining Operations of Sunshine Mining Company to include operation of the Trixie Mine located in Section 28, T 10 S, R 2 W, SLM, Utah County, Utah.

The Trixie property is an underground, hardrock mine producing silver, gold, lead, zinc and copper. The property is located approximately one-half mile southwest of Sunshine Mining Company's Burgin project.

Mineral and surface owner is South Standard Mining Company, Salt Lake City, Utah. Owner has been notified in writing and lease established to provide right of entry.

The Trixie shaft was started in 1969 and has five levels, all of which still have potential ore. Lateral development out of the shaft extends as far as 3500 feet to the south and 2500 feet to the north. The mine has produced precious metal bearing flux ore and some lead-zinc sulfide ore in the past under Kennecott. Sunshine Mining Company intends to produce ore at the rate of approximately 100 tons per day and to undertake exploration and development of the area for continued operation.

Land use in the area has traditionally been primarily mining and grazing, and the property is properly zoned to permit mining operations. There will be no waste water discharge requiring an NPDES waste water discharge permit.

Vegetation types are primarily pinion-juniper with a vegetation cover in the area of less than 25%. Vegetation, elevation, soils, meteorology, and waste rock characteristics are virtually the same as those found at Sunshine's Burgin project; therefore, reclamation procedures and methodology as outlined in the approved Notice of Intention to Commence Mining Operations for Sunshine Mining Company's Burgin project are directly applicable to the Trixie property. All reclamation, revegetation, and abandonment commitments

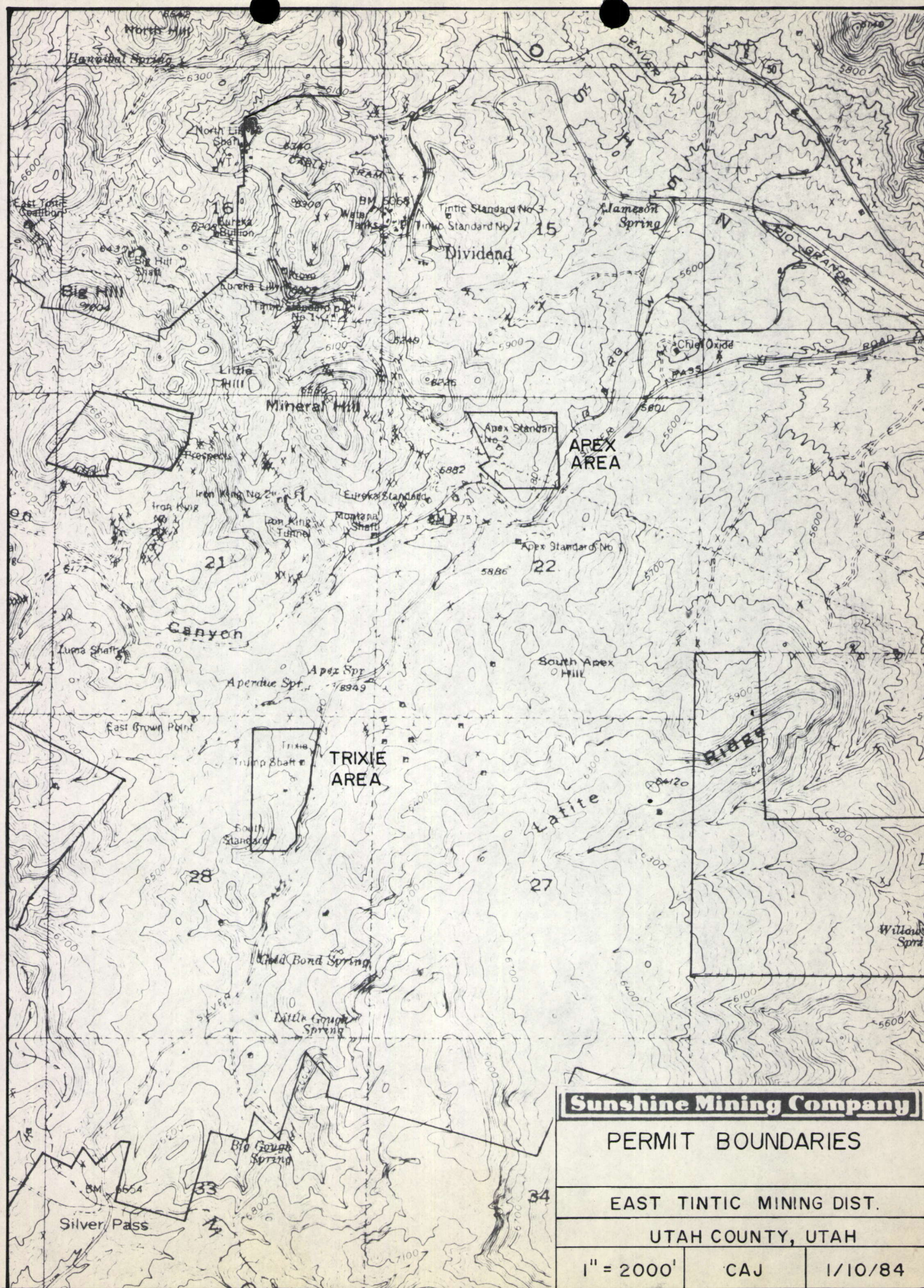
outlined in Section 3.0 (Reclamation Plan) of the approved permit will be adhered to at the Trixie property upon final abandonment. The addition of approximately four acres to the area of disturbance (see permit area boundaries map) will necessitate an increase in the bond amount presently held by Sunshine. For purposes of determining an appropriate bond amount, the following calculations have been made:

RECLAMATION COSTS

Building and ancillary facilities:

Hoist Building)		
Dry Building & Office Building	)	5-Man crew 10 days @ \$25/hr.	\$10,000.00
	)	Small crane 10 days @ \$200/day	2,000.00
			<u>12,000.00</u>
Hoist Removal	)	5-Man crew 5 days @ \$25/hr.	5,000.00
		Large crane 1 day @ \$300/day	300.00
			<u>5,300.00</u>
Headframe	)	6-Man crew 3 days @ \$25/hr.	3,600.00
		Large crane 3 days @ \$300/day	900.00
			<u>4,500.00</u>
Compressor Removal	)	6-Man crew 2 days @ \$25/hr.	2,400.00
	)	Small crane 2 days @ \$200/day	400.00
			<u>2,800.00</u>
Substation Removal	)	3-Man crew 1.5 days @ \$25/hr.	900.00
	)	Large crane 1 day @ \$300/day	300.00
		Dozer regrading 2 hrs. @ \$90/hr.	180.00
		Revegetation of 0.1 acres @ \$1,000/acre	100.00
			<u>1,480.00</u>
Water Tank Removal	)	3-Man crew 1.5 days @ \$25/hr.	900.00
	)	Large crane 1 day @ \$300/day	300.00
		Dozer regrading 2 hrs. @ \$90/hr.	180.00
		Revegetation 0.1 acres @ \$1,000/acre	100.00
			<u>1,480.00</u>
Shaft Closure	)	Replace 6'-high chain link fence @ 48' linear @ \$5/ft.	240.00
		Replace warning sign	10.00
		Secure metal shaft covers	200.00
			<u>450.00</u>
Waste Rock (Dump)	)	Dozer 4 days @ \$90/hr.	2,800.00
	)	3-Man clean-up crew 2 days @ \$25/hr.	1,200.00
		Revegetation Eng. 2 days @ \$35/hr.	560.00
		Lime treatment 0.25 acres @ \$1800/acre	450.00
		Hydroseeding 0.50 acres @ \$1000/acre	500.00
			<u>5,590.00</u>
TOTAL			<u>\$33,700.00</u>

*monitoring costs
need to be added*



Sunshine Mining Company

PERMIT BOUNDARIES

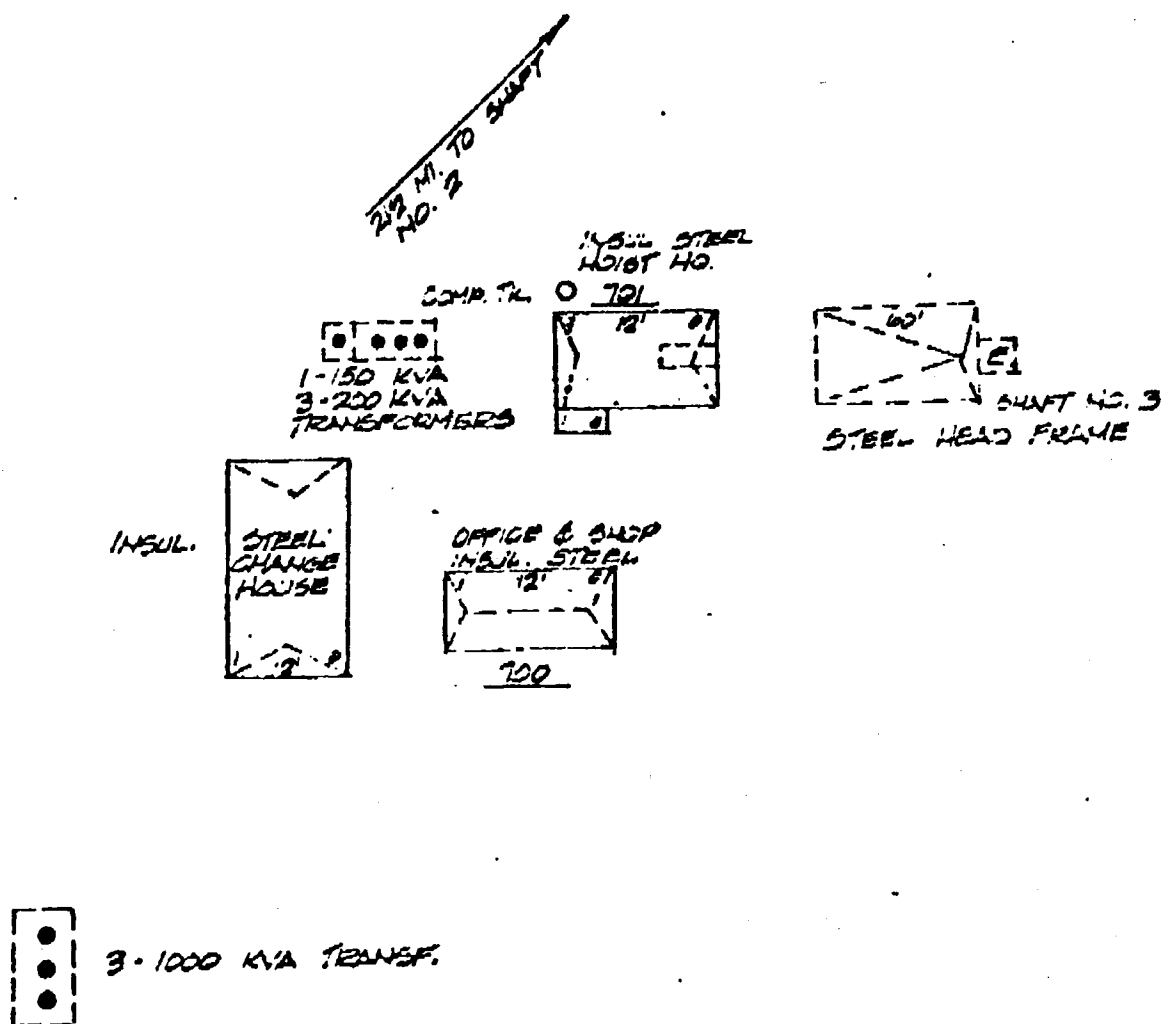
EAST TINTIC MINING DIST.

UTAH COUNTY, UTAH

1" = 2000'

CAJ

1/10/84



TRIXIE MINE
SHAFT OPENING AT 6000' ABOVE M.S.

TRIXIE MINE, UTAH COUNTY, UTAH
FACILITIES LAYOUT MAP

SUNSHINE MINING COMPANY

SCALE:
1" = 50'

DATE:
JANUARY 1984